

PATENT APPLICATION

Title : An acoustic transducer made of pure beryllium with direct radiation, with a concave-shaped diaphragm, for audio applications, in particular for acoustic enclosures.

Inventor : Mr. Dominic BAKER
Mr. Jacques MAHUL

Applicant : FOCAL - JMLab

ABSTRACT

A loudspeaker for acoustic enclosure, in particular a tweeter or a medium-frequency loudspeaker, which consists of a spherical diaphragm with direct radiation, with a front side that is concave in relation to the spool, and onto which is attached at a certain level, for example at mid-height or approximately at mid-height, the moving spool so as to achieve an optimal mechanical coupling capable of reproducing frequencies lower than 1 kHz with a high efficiency. Material such as pure beryllium or a Be/Al alloy or similar alloys is used to make the diaphragm.

Loudspeakers of the tweeter or medium type, especially for very high-fidelity acoustic enclosures.

FIG. 1 A

DRAWING FOR THE ABSTRACT

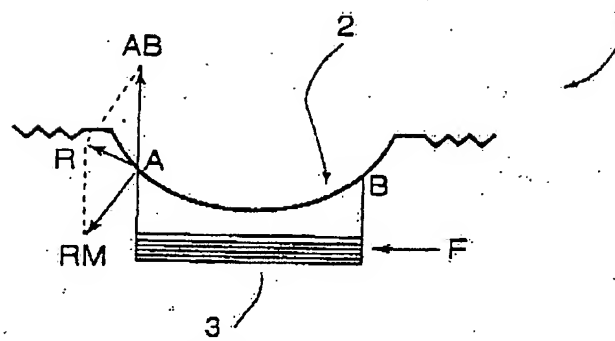


FIG. 1A